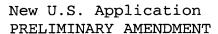


DT01 Rec'd PCT/PTC 1 7 DEC 2004

IN THE CLAIMS:

Please amend claims 1-14 as shown below in the detailed listing of all claims which are, or were in this application:

- 1. (Currently amended) Crosslinkable silicone composition useful especially as a varnish which in particular has anti-friction properties, said composition being of the type comprising on the one hand at least two organosilicon species A and B which react with one another in the presence of a catalyst C to allow crosslinking, at least one of these two species consisting of comprising a polyorganosiloxane (POS), and on the other hand at least one particulate component D, characterized in that wherein:
 - this composition is of the type crosslinkable by polyaddition;
 - the particulate component D is selected from the group comprising powdered (co)polyamides preferably (co)polyamides 6, 12 and 6/12 defined as follows:
 - → the particles are of substantially rounded shape, and

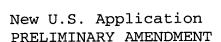


- the mean particle diameter Φ_{md} is between 0.1 and 200 μ m, preferably between 5 and 100 μ m and particularly preferably between 10 and 50 μ m;
- ightharpoonup it also contains at least one other particulate component E selected from the group comprising powdered silicas having a mean particle diameter Φ_{md} of about 0.1 μ m or less, and a BET specific surface area greater than 50 m²/g, preferably of between 50 and 400 m²/g and especially of between 150 and 350 m²/g.
- 2. (Currently amended) Composition according to claim 1, characterized in that wherein the particulate component D is present in an amount of 0.1 to 20% w/w, based on the total weight of the composition.
- 3. (Currently amended) Composition according to claim 1 or 2, characterized in that claim 1, wherein the particulate component E is present in an amount of 0.001 to 5% w/w, based on the total weight of the composition.



- 4. (Currently amended) Composition according to any one of claims

 1 to 3, characterized in that claim 1, wherein it comprises:
 - (A) 100 parts by weight of at least one polyorganosiloxane (POS) having at least two alkenyl groups, preferably C_2 C_6 alkenyl groups, bonded to the silicon in each molecule;
 - (B) 1 to 50 parts by weight of at least one polyorganosiloxane having at least three hydrogen atoms bonded to the silicon in each molecule;
 - (C) 0.001 to 1 part by weight of at least one catalyst preferably composed of at least one metal belonging to the platinum group;
 - (D) 0.1 to 20 parts by weight of at least one particulate component consisting of (co)polyamide;
 - (E) 0.001 to 5 parts by weight of at least one siliceous particulate component;
 - (F) 0 to 30 parts by weight of at least one adhesion promoter;
 - (G) 0 to 1 part by weight of at least one crosslinking inhibitor;



- (H) 0 to 10 parts by weight of at least one polyorganosiloxane resin;
- (I) optionally at least one functional additive for imparting specific properties.
- 5. (Currently amended) Composition according to any one of claims 1 to 4, characterized in that claim 1, wherein the dynamic viscosity η (mPa.s at 25°C) of its silicone phase, consisting of the POS A and B and optionally the components H or I, is such that:

$$200 \le \eta \le 3000,$$

preferably

 $300 \le \eta £ 2000$,

and particularly preferably

 $400 \le \eta \le 900$.

6. (Currently amended) Composition according to any one of claims

1 to 5, characterized in that the claim 1, wherein one or more POS

A and the optional resins H have siloxy units of the formula

$$W_a Z_b SiO_{(4-(a+b))/2}$$
 (1)

in which:

- the symbols W, which are identical or different, are each an alkenyl group and preferably a C_2 - C_6 alkenyl;

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- the symbols Z, which are identical or different, are each a non-hydrolyzable monovalent hydrocarbon group that is devoid of an unfavorable action on the activity of the catalyst, is optionally halogenated and is preferably selected from alkyl groups having from 1 to 8 carbon atoms inclusive, and from aryl groups;
- a is 1 or 2, b is 0, 1 or 2 and a + b is between 1 and 3;
- optionally at least some of the other units are units of the empirical formula

$$Z_{c}SiO_{(4-c)/2} \tag{2}$$

in which Z is as defined above and c has a value of between 0 and 3.

7. (Currently amended) Composition according to any one of claims

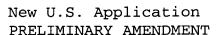
1 to 6, characterized in that the claim 1, wherein one or more POS

B have siloxy units of the formula

$$H_dL_eSiO_{(4-(d+e))/2}$$
 (3)

in which:

- the symbols L, which are identical or different, are each a non-hydrolyzable monovalent hydrocarbon group that is devoid of an unfavorable action on the activity of the



catalyst, is optionally halogenated and is preferably selected from alkyl groups having from 1 to 8 carbon atoms inclusive, and from aryl groups;

- d is 1 or 2, e is 0, 1 or 2 and d + e has a value of between 1 and 3;
- optionally at least some of the other units being units of the empirical formula

$$L_{q}SiO_{(4-q)/2} \tag{4}$$

in which L is as defined above and g has a value of between 0 and 3.

- 8. (Currently amended) Composition according to any one of claims 1 to 7, characterized in that claim 1, wherein the alkenyl groups W of the POS A and the optional POS resins H are vinyl groups Vi carried by siloxy units D and optionally M and/or T.
- 9. (Currently amended) Varnishing process, characterized in that in which the composition according to any one of claims 1 to 8 claim 1 is applied, as an anti-friction varnish, to a substrate optionally coated with at least one layer of silicone elastomer.



- 10. (Currently amended) Process according to claim 9, characterized in that it consists essentially in comprising:
 - coating the <u>a</u> substrate with the composition according to any one of claims 1 to 8 claim 1,
 - crosslinking the layer of varnish, optionally with thermal activation,
 - and optionally repeating the above steps at least once.
- 11. (Currently amended) Process according to claim 9 or 10, characterized in that claim 9, wherein the varnish composition is applied to the substrate at a coating rate less than or equal to 25 g/m^2 and preferably of between 5 and 20 g/m^2 .
- 12. (Currently amended) Composite obtainable by the process according to any one of claims 9 to 11, characterized in that it comprises claim 9, comprising:
 - a substrate,
 - optionally a coating firmly fixed to at least one side of the substrate and consisting of comprising at least one layer of silicone elastomer,





- at least one layer of varnish based on the composition according to any one of claims 1 to 8 comprising at least two organosilicon species A and B which react with one another in the presence of a catalyst C to allow crosslinking, at least one of these two species comprising a polyorganosiloxane (POS), and at least one particulate component D, wherein:
- <u>this composition is crosslinkable by polyaddition;</u>
- the particulate component D is selected from the group comprising powdered (co)polyamides preferably (co)polyamides 6, 12 and 6/12 defined as follows:
 - the particles are of substantially rounded shape, and
 - ightharpoonup the mean particle diameter Φ_{md} is between 0.1 and 200 μm, preferably between 5 and 100 μm and particularly preferably between 10 and 50 μm;
- it also contains at least one other particulate component E selected from the group comprising powdered silicas having a mean particle diameter Φ_{md} of about 0.1 μm or less, and a BET specific surface area greater than 50

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 m^2/q , preferably of between 50 and 400 m^2/q and especially of between 150 and 350 m^2/q .

- 13. (Currently amended) Composite according to claim 12, characterized in that wherein the substrate is a flexible substrate preferably selected from the group comprising:
 - textiles,
 - non-woven fibrous substrates,
 - polymer films, particularly polyester and polyamide.
- 14. (Currently amended) Manufactured article, characterized in that it contains containing the composite according to claim 12 or 13.